

Abstract of the Disclosure

A system and method of wireless data communication between a base station and a mobile station employs mobile receiver and computing algorithms to cause the mobile station transmitter to selectively enter a low power or idle transmission mode when the mobile station is in a shadow of the base station such that wasted RF and DC power is avoided in poor propagation situations. Cellular handset battery power is thus conserved to extend CDMA handset talk time.

Patent Application of Carl M. Panasik and Steve Lazar